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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

CHOWDHURY, SUMAIYA A

ART UNIT PAPER NUMBER

2611

DATE MAILED: 12/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/988,336

Applicant(s)

NONOMURA, TAKAYA

Examiner

Sumaiya A. Chowdhury

Art Unit

2611

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 7-10-02, 10-17-03, 1-30-04
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 11-15 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claims 11-15, it is not clear what is simultaneously selected with the advertisement. Examiner is interpreting "simultaneously with the selection" to be "immediately with the selection".

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-5 are rejected under 35 U.S.C. 102(b) as being anticipated by Thibadeau (5565909).

As for claim 1, Thibadeau discloses a digital broadcasting receiving device with an advertising information outputting function, comprising:

Art Unit: 2611

a receiver for receiving a digital broadcasting wave - col. 7, lines 35-51, col. 5, lines 28-40;

video/audio output means (television) for outputting at least one of video and audio;

means (data processor) for taking out advertising information and advertising area information which are carried on the digital broadcasting wave – col. 11, lines 32-47, col. 20, lines 55-60, col. 8, lines 8-12;

means (either user or gps) for outputting information related to the current position – (The user could manually enter in location data, or the location data could be received by use of a dynamic GPS; col. 20, lines 29-67);

selection means (processor) for selecting the advertising information by the contrast between the information related to the current position and the advertising area information – col. 20, lines 55-60, col. 11, lines 32-47, col. 13, lines 49-53, col. 10, lines 30-35; and

a controller (component within receiver) for feeding the selected advertising information to said video/audio output means at predetermined timing – (The advertisements are stored for later retrieval - col. 14, lines 43-53).

As for claim 2, Thibadeau discloses a digital broadcasting receiving device with an advertising information outputting function, comprising:

a first receiver (STB) for receiving a digital broadcasting wave – col. 7, lines 35-51, col. 5, lines 28-40;

Art Unit: 2611

video/audio output means for outputting at least one of video and audio;

means for taking out advertising information and advertising area information which are carried on the digital broadcasting wave – col. 11, lines 32-47, col. 20, lines 55-60, col. 8, lines 8-12;

a second receiver (data processor associated with the set-top unit) for receiving a transmission wave on which information required to specify the current position is carried – col. 10, lines 25-28, col. 20, lines 29-67, col. 9, lines 30-37;

means for outputting information related to the current position on the basis of the information carried on said transmission wave – (The user could manually enter in location data, or the location data could be received by use of a dynamic GPS; col. 20, lines 29-67);

selection means for selecting the advertising information by the contrast between the information related to the current position and the advertising area information – col. 20, lines 55-60, col. 11, lines 32-47, col. 13, lines 49-53, col. 10, lines 30-35; and

a controller (component in STB that does the processing) for feeding the selected advertising information to said video/audio output means at predetermined timing – (The advertising information is stored for later retrieval - col. 14, lines 43-53).

As for claims 3 and 4, Thibadeau discloses in the digital broadcasting receiving device with an advertising information outputting function, a digital broadcasting receiving device with an advertising information outputting function, comprising:

Art Unit: 2611

a memory storing the advertising information and the advertising area information which are taken out of the digital broadcasting wave – col. 13, lines 34-50, col. 14, lines 17-21, lines 28-31, lines 43-45, lines 52, col. 4, lines 51-54;

said selection means being constructed such that the advertising information stored in said memory can be selected by the contrast between the information related to the current position and the advertising area information – col. 20, lines 55-60, col. 11, lines 32-47, col. 13, lines 49-53, col. 10, lines 30-35;

Claim 5 contains the limitations of claims 1 and 3, and is analyzed as previously discussed with respect to that claim.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 6-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Thibadeau in view of Iggulden (6002443).

As for claims 6-10, Thibadeau fails to disclose in the digital broadcasting receiving device with an advertising information outputting function, a digital

Art Unit: 2611

broadcasting receiving device with an advertising information outputting function,
comprising

judgment means for judging whether or not video and audio which are being
currently outputted are a commercial (CM) appended to a program,

said controller being so constructed as to feed to said video/audio output means
the advertising information selected when said judgment means judges that they are a
commercial.

In an analogous art, Iggulden discloses wherein the system comprises of
judgement means (108 – Fig. 1) which detects whether or not commercials are
appended to a program. When it does detect that commercials are appended to a
program in a broadcast signal, the system outputs alternative advertisement information
– col. 8, lines 55-65, col. 25, lines 5-23, col. 8, lines 30-35.

It would have been obvious to one of ordinary skill in the art at the time of
applicant's invention to modify Thibadeau's invention to include wherein the system
detects advertisements which are appended to a program in a broadcast signal, the
system outputs alternative audio/video information (advertising information), as taught
by Iggulden, for the advantage of substituting unwanted advertisements to the user.

5. Claims 11-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over
Thibadeau in view Eldering (US 2002/0178445).

Art Unit: 2611

As for claims 11-15, Thibadeau fails to disclose in the digital broadcasting receiving device with an advertising information outputting function, a digital broadcasting receiving device with an advertising information outputting function, wherein

said controller is so constructed as to feed the advertising information selected in said selection means to said video/audio output means immediately with the selection.

In an analogous art, Eldering discloses wherein upon selection of advertisements by a user, the advertisements are displayed immediately for the advantage of providing the convenience of displaying selected content when selected since the user desires to view it at that moment rather than later – paragraph [0093]

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention to modify Thibadeau's invention to include discloses wherein upon selection of advertisements by a user, the advertisements are displayed immediately, as taught by Eldering, for the advantage of providing the convenience of displaying selected content when selected since the user desires to view it at that moment rather than later.

6. Claims 16-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Thibadeau in view of Wright (33808).

As for claims 16-20, Thibadeau fails to disclose in the digital broadcasting receiving device with an advertising information outputting function, a digital

Art Unit: 2611

broadcasting receiving device with an advertising information outputting function,
wherein

said controller is so constructed as to feed the advertising information selected in said selection means to said video/audio output means when a signal representing the timing of outputting the advertising information is received.

In an analogous art, Wright discloses wherein a signal representing the timing of outputting the substitute program signals (advertising information) is received and outputted at the directed time for the advantage of allowing the advertiser to have their commercial displayed at a desired time.— col. 7, lines 10-24, col. 6, lines 40-42.

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention to modify Thibadeau's invention to include wherein a signal representing the timing of outputting the substitute program signals is received and outputted at the directed time, as taught by Wright, for the advantage of allowing the advertiser to have their commercial displayed at a desired time..

7. Claims 21-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Thibadeau in view of Zigmond (6698020).

As for claims 21-25, Thibadeau fails to disclose in the digital broadcasting receiving device with an advertising information outputting function, a digital broadcasting receiving device with an advertising information outputting function, comprising:

Art Unit: 2611

message output means (television) for outputting a message saying that the advertising information exists,

said controller is so constructed as to feed the advertising information selected when an advertising output operation is performed by a user to said video/audio output means.

In an analogous art, Zigmond discloses wherein two or more advertisements (menu; displays that advertising information exists) are displayed to the user from which the user could choose one advertisement. – col. 16, line 65 – col. 17, line 10.

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention to modify Thibadeau's invention to include wherein two or more advertisements (menu; displays that advertising information exists) are displayed to the user from which the user could choose one advertisement, as taught by Zigmond, for the advantage of informing the user the advertisements exists and so that the user could choose to watch desired content.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sumaiya A. Chowdhury whose telephone number is (571) 272-8567. The examiner can normally be reached on Mon-Fri, 9-5:00.

Art Unit: 2611

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Grant can be reached on (571) 272-7292. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SAC



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